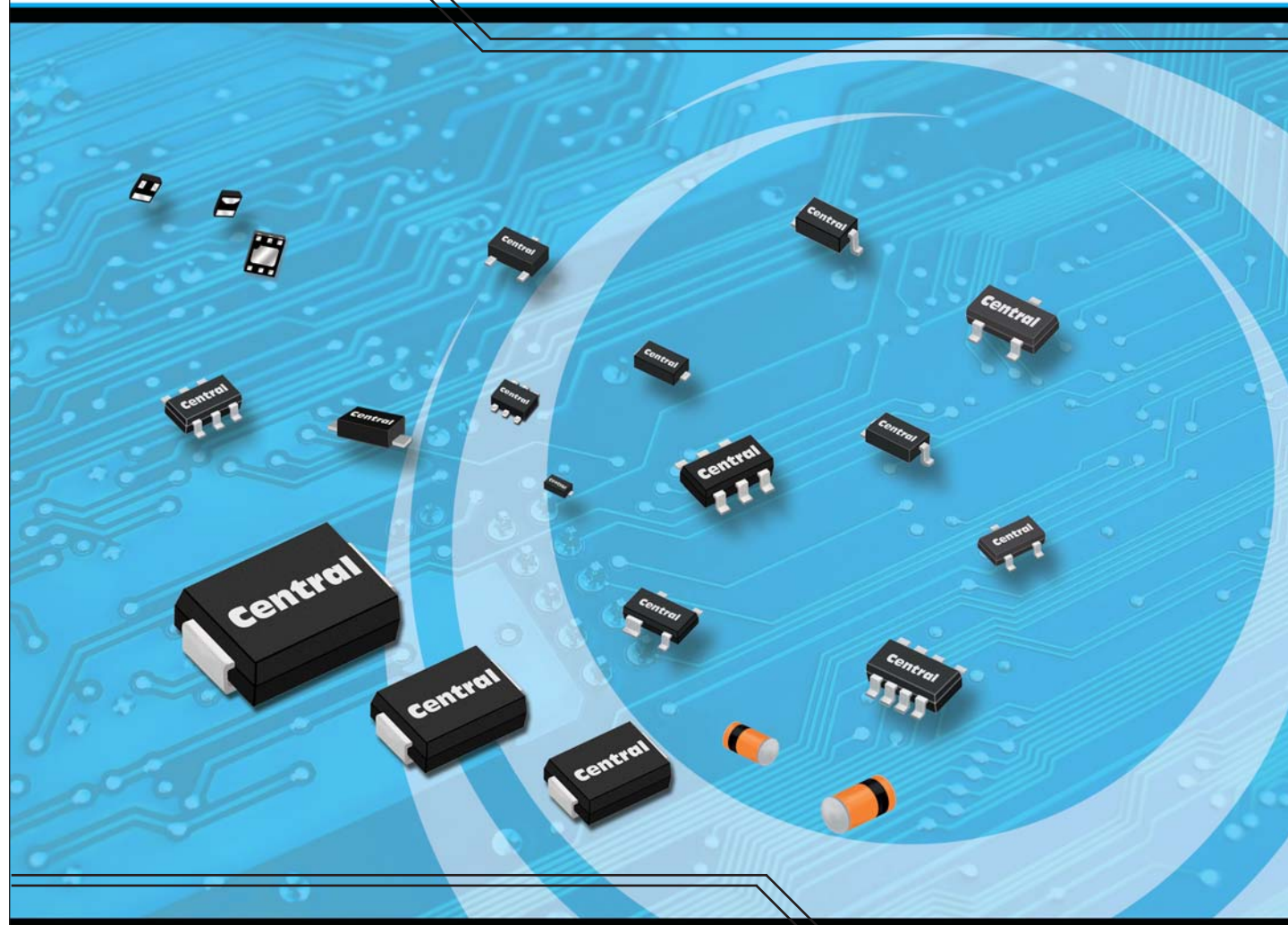


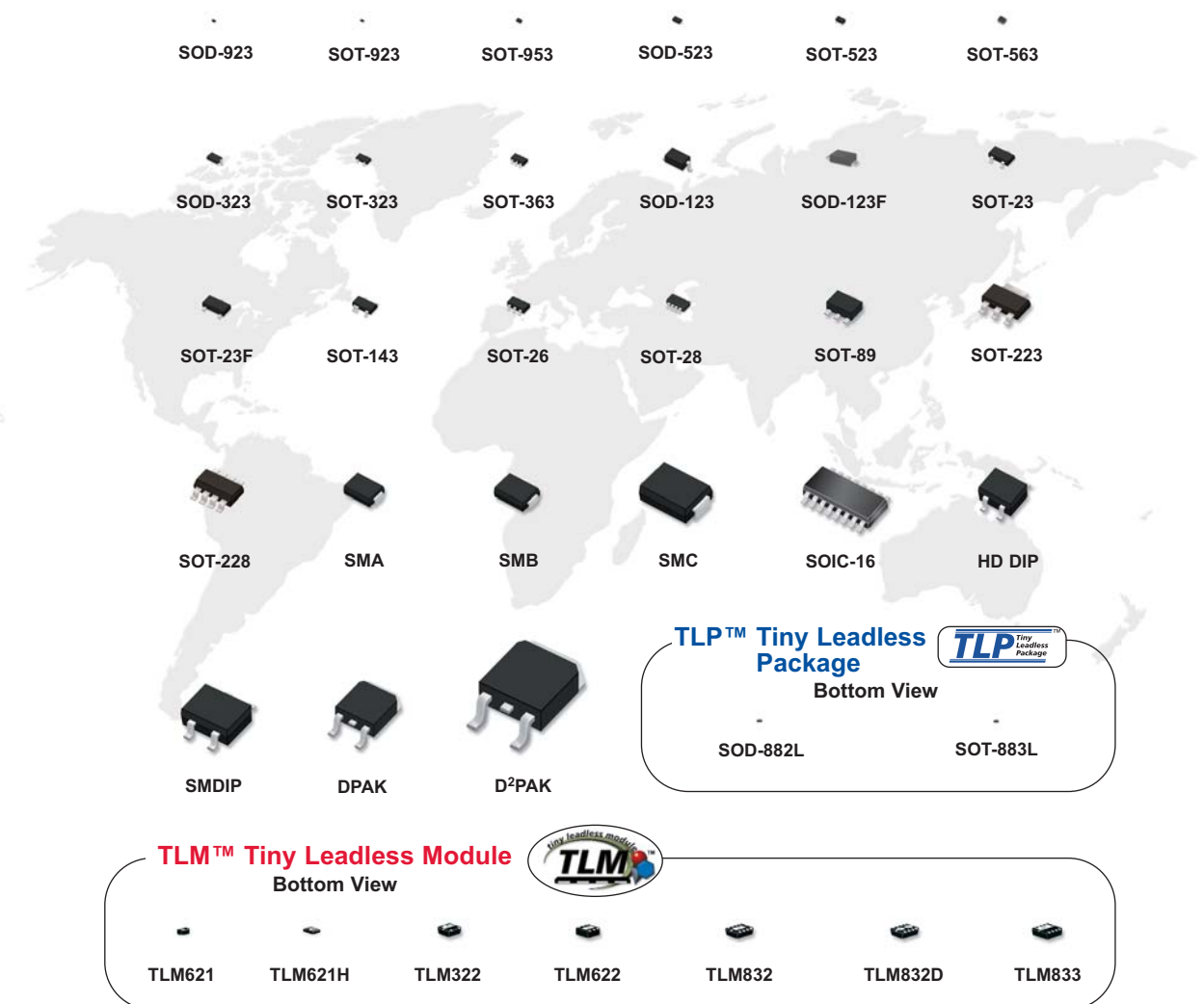
# Diodes



- Switching Diodes
- Schottky Diodes
- Low and Ultra Low Leakage Diodes
- Stabistor Diodes
- Current Limiting Diodes
- Zener Diodes
- Temperature Compensated Zener Diodes
- ESD Transient Voltage Suppressors
- Transient Voltage Suppressors (TVS)



## Surface Mount Packages (Actual Size)



145 Adams Avenue, Hauppauge, NY 11788 USA  
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Switching Diodes

FAMILY	DESCRIPTION	V <sub>RRM</sub> (V) MAX	I <sub>F</sub> (mA) MAX	V <sub>F</sub> (V) MAX	@	I <sub>F</sub> (mA)	t <sub>rr</sub> (ns) MAX	FAMILY	SOD-923	SOT-883L	SOD-523	SOT-523	SOT-563	SOD-323	SOT-323	SOT-363	SOD-123	SOT-23	SOT-143	SOT-26	SOT-28
Switching Diodes																					
<div style="display: flex; align-items: center;"> <span style="color: red; font-weight: bold; margin-right: 5px;">S</span>             Devices are listed in order of ascending V<sub>RRM</sub>.         </div>																					
4150	Single	50	250	0.86 0.92 1.0		50 100 200	4.0	4150										CMHD4150 (1x)	CMPD4150 (1x)		
6i	Monolithic, Quad Diode Array	60	250	1.0			100	6i													CMEDA-6i (4x)
56	High Current, Dual, Isolated	60	200	0.75 1.0		10 200	6.0	56												BAS56 (2x)	
2836	CMUD2836, CMSD2836, and CMPD2836: Dual, Common Anode CMKD2836: Dual Pair, Common Anode	75	200	1.0		50	4.0	2836				CMUD2836 (2x)			CMSD2836 (2x)	CMKD2836 (4x)			CMPD2836 (2x)		
2838	CMUD2838, CMSD2838, and CMPD2838: Dual, Common Cathode CMLD2838, and CMKD2838: Dual Pair, Common Cathode	75	200	1.0		50	4.0	2838				CMUD2838 (2x)	CMLD2838 (4x)		CMSD2838 (2x)	CMKD2838 (4x)			CMPD2838 (2x)		
28	Dual, Isolated	85	200	0.715 1.0		1.0 50	6.0	28												BAS28 (2x)	
100	Dual, Isolated	85	250	0.715 1.0		1.0 50	6.0	100												BAW100 (2x)	
1001	CMPD1001: Single CMPD1001A: Dual, Common Anode CMPD1001S: Dual, In Series	90	250	0.75 0.9 1.0		10 100 200	50	1001												CMPD1001 (1x) CMPD1001A CMPD1001S (2x)	
914	Single	100	250	1.0		10	4.0	914												CMPD914 (1x)	
4448	CMAD4448, CMOD4448, CMUD4448, CMDD4448, CMSD4448, and CMHD4448: Single CMLD4448: Dual, Isolated CMLD4448: Dual, Opposing, Isolated CMKD4448, and CMXD4448: Triple, Isolated	100	250	1.0		100	4.0	4448	CMAD4448 (1x)		CMOD4448 (1x)	CMUD4448 (1x)	CMLD4448 CMLD4448DO (2x)	CMDD4448 (1x)	CMSD4448 (1x)	CMKD4448 (3x)	CMHD4448 (1x)				CMXD4448 (3x)
7000	CMUD7000, CMSD7000, and CMPD7000: Dual, In Series CMKD7000: Dual Pair, In Series	100	200	0.7 0.82 1.1		1.0 10 100	4.0	7000				CMUD7000 (2x)			CMSD7000 (2x)	CMKD7000 (4x)			CMPD7000 (2x)		
E 2836E	Dual, Common Anode, Enhanced	120	200	0.85 0.95		10 50	4.0	2836E												CMPD2836E (2x)	
E 2838E	Dual, Common Cathode, Enhanced	120	200	0.85 0.95		10 50	4.0	2838E		CED2838E (2x)										CMPD2838E (2x)	
E 914E	Single, Enhanced	120	250	0.85		10	4.0	914E												CMPD914E (1x)	
E 7000E	Dual, In Series, Enhanced	120	200	0.65 0.77 1.0		1.0 10 100	4.0	7000E												CMPD7000E (2x)	
5001	CMPD5001: Single CMPD5001S: Dual, In Series	120	400	0.75 0.9 1.0		10 100 200	50	5001												CMPD5001 (1x) CMPD5001S (2x)	
2003	CMHD2003, and CMPD2003: Single CMPD2003C: Dual, Common Cathode CMPD2003S: Dual, In Series	250	250	1.0		100	50	2003										CMHD2003 (1x)		CMPD2003 (1x) CMPD2003C CMPD2003S (2x)	
101	Dual, Isolated	300	200	0.9 (TYP) 1.3		100 100	50	101													BAW101 (2x)
2004	CMOD2004, CMDD2004, and CMPD2004: Single CMLD2004, and CMFD2004i: Dual, Isolated CMLD2004A, and CMPD2004A: Dual, Common Anode CMLD2004C, and CMPD2004C: Dual, Common Cathode CMLD2004S, and CMPD2004S: Dual, In Series CMLD2004DO: Dual, Opposing CMXD2004: Triple, Isolated CMXD2004TO: Triple, Opposing CMXD2004S, and CMXD2004SR: Dual Pair, In Series	300	225	1.0		100	50	2004			CMOD2004 (1x)		CMLD2004 CMLD2004A CMLD2004C CMLD2004S CMLD2004DO (2x)	CMDD2004 (1x)	CMSD2004S (2x)				CMPD2004 (1x) CMPD2004A CMPD2004C CMPD2004S (2x)	CMFD2004i (2x)	CMXD2004 (3x) CMXD2004S CMXD2004SR (4x) CMXD2004TO (3x)
2005	Dual, In Series	350	225	0.87 1.0		20 100	50	2005							CMSD2005S (2x)					CMPD2005S (2x)	

E Indicates Enhanced Specification Device. Enhanced Spec in Red and Bold S Indicates Sorted Columns.

Suffix Codes:  
 A = Common Anode i = Isolated Chips (CMEDA-6i has four Monolithic isolated diodes.)  
 C = Common Cathode DO = Dual, Opposing  
 S = In Series TO = Triple, Opposing  
 E = Enhanced Specification SR = Opposing Dual Pair, In Series

(2x) under part number indicates two devices in one package.  
 (3x) under part number indicates three devices in one package.  
 (4x) under part number indicates four devices in one package.

Schottky Diodes

NEW Tiny Leadless Module™

NEW

NEW

High Voltage / Low Current

Low Current • 30V

Low Current • 40V

Medium Current

High Current

1.0 Amp

FAMILY	DESCRIPTION	V <sub>RRM</sub> (V) MAX	I <sub>F</sub> *I <sub>O</sub> (mA) MAX	V <sub>F</sub> (V) MAX	@	I <sub>F</sub> (mA)	t <sub>rr</sub> (ns) MAX	C <sub>T</sub> †TYP (pF) MAX	FAMILY	TLM621H	SOD-923	SOD-882L	SOD-523	SOT-523	SOT-563	SOD-323	SOT-323	SOT-363	SOD-123	SOT-23	SOT-143	SOT-26
<b>High Voltage / Low Current</b>																						
6263E	CMUD6263E: Single, Enhanced CMUD6263AE: Dual, Common Anode, Enhanced CMUD6263CE: Dual, Common Cathode, Enhanced CMUD6263SE: Dual, In Series, Enhanced	70	<b>70</b>	<b>0.32</b> <b>0.4</b> <b>0.75</b>		<b>100µA</b> <b>1.0</b> <b>10</b>	5.0	2.0	6263E					CMUD6263E (1x) CMUD6263AE CMUD6263CE CMUD6263SE (2x)								
6263	CMAD6263, CMOD6263, CMDD6263, CMSD6263, and CMPD6263: Single CMSD6263A, and CMPD6263A: Dual, Common Anode CMSD6263C, and CMPD6263C: Dual, Common Cathode CMSD6263S, and CMPD6263S: Dual, In Series CMKD6263: Triple, Isolated CMLD6263: Dual, Isolated CMLD6263A: Dual Pair, Common Anode CMLD6263C: Dual Pair, Common Cathode CMLD6263S: Dual Pair, In Series CMLD6263DO, and CMKD6263DO: Dual, Opposing, Isolated	70	15	0.395 (TYP) 0.41		1.0 1.0	5.0	2.0	6263	CMAD6263 (1x)		CMOD6263 (1x)		CMLD6263 (2x) CMLD6263A CMLD6263C CMLD6263S (4x) CMLD6263DO (2x)	CMDD6263 (1x)	CMSD6263 (1x) CMSD6263A CMSD6263C CMSD6263S (2x)	CMKD6263 (3x) CMKD6263DO (2x)			CMPD6263 (1x) CMPD6263A CMPD6263C CMPD6263S (2x)		
<b>Low Current • 30V</b>																						
⚠ Devices are listed in order of ascending I <sub>F</sub>																						
SH-3	CMOSH-3, CMDSH-3, CMSSH-3, CMHSH-3, and CMPSH-3: Single CMFSH-3: Dual, Isolated CMSSH-3A, and CMPSH-3A: Dual, Common Anode CMSSH-3C, and CMPSH-3C: Dual, Common Cathode CMSSH-3S, and CMPSH-3S: Dual, In Series CMKSH-3DO: Dual, Opposing Polarity CMKSH-3T, and CMXSH-3: Triple, Isolated	30	100	0.33 0.45		2.0 15	5.0	7.0	SH-3				CMOSH-3 (1x)		CMDSH-3 (1x)	CMSSH-3 (1x) CMSSH-3A CMSSH-3C CMSSH-3S (2x)	CMKSH-3DO (2x) CMKSH-3T (3x)	CMHSH-3 (1x)		CMPSH-3 (1x) CMPSH-3A CMPSH-3C CMPSH-3S (2x)	CMFSH-3i (2x)	CMXSH-3 (3x)
SH2-3	Single	30	*200	0.42 (TYP) 0.55		100 200	-	15†	SH2-3						CMDSH2-3 (1x)							
<b>Low Current • 40V</b>																						
SH-3E	CMSSH-3E, and CMPSH-3E: Single CMSSH-3AE, and CMPSH-3AE: Dual, Common Anode CMSSH-3CE, and CMPSH-3CE: Dual, Common Cathode CMSSH-3SE, and CMPSH-3SE: Dual, In Series	40	200	0.33 0.42		2.0 15	5.0	7.0	SH-3E							CMSSH-3E (1x) CMSSH-3AE CMSSH-3CE CMSSH-3SE (2x)				CMPSH-3E (1x) CMPSH-3AE CMPSH-3CE CMPSH-3SE (2x)		
SH-4	CMASH-4, CFSH-4, and CMDSH-4E: Single CMLSH-4: Dual, Isolated CMLSH-4DO: Dual, Opposing, Isolated	40	*200	0.38 0.65		1.0 15	5.0	7.0	SH-4	CMASH-4 (1x)	CFSH-4 (1x)	CMOSH-4E (1x)		CMLSH-4 CMLSH-4DO (2x)	CMDSH-4E (1x)							
<b>Medium Current</b>																						
SH2-4	CMOSH2-4L, CMUSH2-4L, and CMDSH2-4L: Single CMKSH2-4LR: Triple, Isolated CMXSH2-4LS: Dual Pair, In Series	40	200	0.4		100	5.0	10	SH2-4				CMOSH2-4L (1x)	CMUSH2-4L (1x)		CMDSH2-4L (1x)		CMKSH2-4LR (3x)				CMXSH2-4LS (4x)
	CFSH2-4L: Single	40	*200	0.52		100	5.0	10				CFSH2-4L (1x)										
	CMUSH2-4: Single CMUSH2-4A: Dual, Common Anode CMUSH2-4C: Dual, Common Cathode CMUSH2-4S: Dual, In Series	40	200	0.6 0.75		50 100	5.0	10						CMUSH2-4 (1x) CMUSH2-4A CMUSH2-4C CMUSH2-4S (2x)								
<b>High Current</b>																						
SH05-4	CMUSH05-4, CMLSH05-4, CMDSH05-4, and CMPSH05-4: Single CMPSH05-4C: Dual, Common Cathode CMLSH05-4DO: Dual, Opposing, Isolated	40	500	0.27 0.35 0.47		10 100 500	5.0	50	SH05-4					CMUSH05-4 (1x)	CMLSH05-4 (1x) CMLSH05-4DO (2x)	CMDSH05-4 (1x)					CMPSH05-4 (1x) CMPSH05-4C (2x)	
<b>1.0 Amp</b>																						
SH1-40	Single	40	*1000	0.29 0.36		10 100	15	-	SH1-40	CTLSH1-40M621H (1x)												CMLSH1-40 (1x)

➤ Indicates Enhanced Specification Device. Enhanced Spec in Red and Bold ⚠ Indicates Sorted Columns.

**Suffix Codes:**  
 A = Common Anode  
 C = Common Cathode  
 S = In Series  
 DO = Dual, Opposing  
 T = Triple  
 E = Enhanced Specification  
 AE = Common Anode with Enhanced Specification  
 CE = Common Cathode with Enhanced Specification  
 SE = In Series with Enhanced Specification  
 DO = Dual, Opposing  
 L = Low V<sub>F</sub>  
 LR = Low V<sub>F</sub>, Triple, Isolated  
 LS = Low V<sub>F</sub>, Dual Pair, In Series  
 i = Isolated Chips

(2x) under part number indicates two devices in one package.  
 (3x) under part number indicates three devices in one package.  
 (4x) under part number indicates four devices in one package.

**Low Leakage Diodes**

FAMILY	DESCRIPTION	V <sub>RRM</sub>	I <sub>O</sub>	I <sub>R</sub>	@	V <sub>R</sub>	V <sub>F</sub>	@	I <sub>F</sub>	C <sub>T</sub>	FAMILY	SOD-923	SOD-523	SOT-563	SOD-323	SOT-363	SOD-123	SOT-23	SOT-26	SOD-80	
		(V) MAX	(mA) MAX	(nA) MAX	(V)	(V) MAX	(mA)	(pF) MAX													
3003	CMOD3003, CMDD3003, and CMPD3003: Single CMPD3003A: Dual, Common Anode CMPD3003C: Dual, Common Cathode CMPD3003S: Dual, In Series CMLD3003DO: Dual, Opposing, Isolated	200	200	1.0		125	1.1		200	4.0	3003		CMOD3003 (1x)	CMLD3003DO (2x)	CMDD3003 (1x)				CMPD3003 (1x) CMPD3003A CMPD3003C CMPD3003S (2x)		
	3595	Single	150	150	1.0		125	1.0		200	8.0	3595						CMHD3595 (1x)			CLL3595 (1x)
	457A	Single	70	200	25		60	1.0		100	6.0	457A						CMHD457A (1x)			
	459A	Single	200	200	25		175	1.0		100	6.0	459A						CMHD459A (1x)			

Devices are listed in order of ascending I<sub>R</sub>

**Ultra Low Leakage Diodes**

FAMILY	DESCRIPTION	V <sub>RRM</sub>	I <sub>O</sub>	I <sub>R</sub>	@	V <sub>R</sub>	V <sub>F</sub>	@	I <sub>F</sub>	C <sub>T</sub>	FAMILY	SOD-923	SOD-523	SOT-563	SOD-323	SOT-363	SOD-123	SOT-23	SOT-26	SOD-80	
6001	CMAD6001, CMOD6001, CMDD6001, and CMPD6001: Single CMPD6001A: Dual, Common Anode CMPD6001C: Dual, Common Cathode CMPD6001S: Dual, In Series CMLD6001: Dual, Isolated CMLD6001DO: Dual, Opposing, Isolated CMKD6001, and CMXD6001: Triple, Isolated	100	250	0.5		75	1.1		100	2.0	6001	CMAD6001 (1x)	CMOD6001 (1x)	CMLD6001 CMLD6001DO (2x)	CMDD6001 (1x)	CMKD6001 (3x)			CMPD6001 (1x) CMPD6001A CMPD6001C CMPD6001S (2x)	CMXD6001 (3x)	

**Stabistor Diodes**

FAMILY	V <sub>F</sub> @ I <sub>F</sub>			V <sub>F</sub> @ I <sub>F</sub>			V <sub>F</sub> @ I <sub>F</sub>			V <sub>F</sub> @ I <sub>F</sub>			FAMILY	SOT-23	SOT-26			
	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)						
S17	0.58	0.68	0.1	0.665	0.76	1.0	0.725	0.82	5.0	0.75	0.84	10	0.87	0.96	100	S17	CBAS17 (1x)	
STB200	-	-	-	1.11	1.31	1.0	-	-	-	1.38	1.58	10	1.64	1.94	100	STB200		CMXSTB200 (2x)
STB300	-	-	-	1.71	1.91	1.0	-	-	-	2.08	2.28	10	2.61	2.91	100	STB300		CMXSTB300 (3x)
STB400	-	-	-	2.20	2.80	1.0	-	-	-	2.60	3.20	10	3.40	4.10	100	STB400		CMXSTB400 (4x)

Devices are listed in order of ascending V<sub>F</sub>

Suffix Codes:  
A = Common Anode (except CMHD457A & CMHD459A) S = In Series  
C = Common Cathode DO = Dual, Opposing

(2x) under part number indicates two devices in one package.  
(3x) under part number indicates three devices in one package.  
(4x) under part number indicates four devices in one package.

**Current Limiting Diodes**

**MAXIMUM RATINGS:** (T<sub>L</sub>=75°C)

SYMBOL	UNITS
POV	100 V
P <sub>D</sub>	800 mW
T <sub>J</sub> , T <sub>stg</sub>	-65 to +200 °C

**ELECTRICAL CHARACTERISTICS:** (T<sub>A</sub>=25°C)

TYPE NO.	REGULATOR CURRENT (1) I <sub>P</sub> @ V <sub>T</sub> = 25V (mA)			DYNAMIC IMPEDENCE Z <sub>T</sub> @ V <sub>T</sub> = 25V (MΩ)	KNEE IMPEDENCE Z <sub>K</sub> @ V <sub>K</sub> = 6.0V (MΩ)	LIMITING VOLTAGE V <sub>L</sub> @ I <sub>L</sub> = 0.8 I <sub>P</sub> (V)
	MIN	NOM	MAX			
CCLM0035	0.010	0.035	0.060	8.0	4.00	0.4
CCLM0130	0.050	0.130	0.210	6.0	2.00	0.6
CCLM0300	0.200	0.310	0.420	4.0	1.00	0.8
CCLM0500	0.400	0.515	0.630	2.0	0.50	1.1
CCLM0750	0.600	0.760	0.920	1.0	0.20	1.4
CCLM1000	0.880	1.100	1.320	0.65	0.10	1.7
CCLM1500	1.280	1.500	1.720	0.45	0.07	2.0
CCLM2000	1.680	2.000	2.320	0.35	0.05	2.3
CCLM2700	2.280	2.690	3.100	0.30	0.03	2.7
CCLM3500	3.000	3.550	4.100	0.25	0.02	3.2
CCLM4500	3.900	4.500	5.100	0.20	0.01	3.7
CCLM5750	5.000	5.750	6.500	0.05	0.005	4.5

**High Current, Current Limiting Diodes**

**MAXIMUM RATINGS:** (T<sub>L</sub>=75°C)

SYMBOL	UNITS
POV	50 V
P <sub>D</sub>	800 mW
T <sub>J</sub> , T <sub>stg</sub>	-65 to +200 °C

**ELECTRICAL CHARACTERISTICS:** (T<sub>A</sub>=25°C)

TYPE NO.	REGULATOR CURRENT (1) I <sub>P</sub> @ V <sub>T</sub> = 25V (mA)			DYNAMIC IMPEDENCE Z <sub>T</sub> @ V <sub>T</sub> = 25V (MΩ)	KNEE IMPEDENCE Z <sub>K</sub> @ V <sub>K</sub> = 6.0V (KΩ)	LIMITING VOLTAGE V <sub>L</sub> @ I <sub>L</sub> = 0.8 I <sub>P</sub> (V)
	MIN	NOM	MAX			
CCLHM080	6.56	8.2	9.84	0.32	15	3.1
CCLHM100	8.00	10	12	0.17	6.0	3.5
CCLHM120	9.60	12	14.4	0.08	3.0	3.8
CCLHM150	12	15	18	0.03	2.0	4.3

(1) TESTED USING THE PULSE METHOD. (PULSE WIDTH (ms) =  $\frac{27.5}{I_P \text{ NOM (mA)}}$ )

POWER	200mW					250mW							
	ULTRAmulti™		ULTRAmulti™			SUPERmini™							
CASE	SOT-363		SOD-523			SOD-323							
	ZENER VOLTAGE	TRIPLE ZENER	@ I <sub>ZT</sub> (mA)	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)	LOW LEVEL SHARP KNEE	@ I <sub>ZT</sub> (µA)	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)	LOW LEVEL SHARP KNEE	@ I <sub>ZT</sub> (µA)
1.8					CMOZ1L8	250						CMDZ1L8	500
2.0					CMOZ2L0	250						CMDZ2L0	500
2.2					CMOZ2L2	250						CMDZ2L2	500
2.4	CMKZ5221B*	20	CMOZ2V4	5.0	CMOZ2L4	250						CMDZ2L4	500
2.5	CMKZ5222B*	20			CMOZ2L5	250						CMDZ2L5	500
2.6			CMOZ2V6	5.0									
2.7	CMKZ5223B*	20	CMOZ2V7	5.0	CMOZ2L7	250						CMDZ2L7	500
2.8	CMKZ5224B*	20										CMDZ2L8	500
3.0	CMKZ5225B*	20	CMOZ3V0	5.0	CMOZ3L0	250						CMDZ3L0	500
3.3	CMKZ5226B*	20	CMOZ3V3	5.0	CMOZ3L3	250						CMDZ3L3	500
3.6	CMKZ5227B*	20	CMOZ3V6	5.0	CMOZ3L6	250						CMDZ3L6	500
3.9	CMKZ5228B*	20	CMOZ3V9	5.0	CMOZ3L9	250						CMDZ3L9	500
4.3	CMKZ5229B*	20	CMOZ4V3	5.0	CMOZ4L3	250						CMDZ4L3	500
4.7	CMKZ5230B*	20	CMOZ4V7	5.0	CMOZ4L7	250						CMDZ4L7	500
5.1	CMKZ5231B*	20	CMOZ5V1	5.0	CMOZ5L1	250						CMDZ5L1	500
5.6	CMKZ5232B*	20	CMOZ5V6	5.0	CMOZ5L6	250						CMDZ5L6	500
6.0	CMKZ5233B*	20										CMDZ533B	20
6.2	CMKZ5234B*	20	CMOZ6V2	5.0	CMOZ6L2	250						CMDZ6L2	500
6.8	CMKZ5235B*	20	CMOZ6V8	5.0	CMOZ6L8	250						CMDZ6L8	500
7.5	CMKZ5236B*	20	CMOZ7V5	5.0	CMOZ7L5	250						CMDZ7L5	500
8.2	CMKZ5237B*	20	CMOZ8V2	5.0	CMOZ8L2	250						CMDZ8L2	500
8.7	CMKZ5238B*	20										CMDZ5238B	20
9.1	CMKZ5239B*	20	CMOZ9V1	5.0	CMOZ9L1	250						CMDZ9L1	500
10	CMKZ5240B*	20	CMOZ10V	5.0	CMOZ10L	250						CMDZ10L	500
11	CMKZ5241B*	20	CMOZ11V	5.0	CMOZ11L	250						CMDZ11L	500
12	CMKZ5242B*	20	CMOZ12V	5.0	CMOZ12L	250						CMDZ12L	500
13	CMKZ5243B*	9.5	CMOZ13V	5.0	CMOZ13L	250						CMDZ13L	500
14	CMKZ5244B*	9.0										CMDZ5244B	9.0
15	CMKZ5245B*	8.5	CMOZ15V	5.0	CMOZ15L	250						CMDZ15L	500
16	CMKZ5246B*	7.8	CMOZ16V	5.0	CMOZ16L	250						CMDZ16L	500
17	CMKZ5247B*	7.4										CMDZ5247B	7.4
18	CMKZ5248B*	7.0	CMOZ18V	5.0	CMOZ18L	250						CMDZ18L	500
19	CMKZ5249B*	6.6										CMDZ5249B	6.6
20	CMKZ5250B*	6.2	CMOZ20V	5.0	CMOZ20L	250						CMDZ20L	500
22	CMKZ5251B*	5.6	CMOZ22V	5.0	CMOZ22L	250						CMDZ22L	500
24	CMKZ5252B*	5.2	CMOZ24V	5.0	CMOZ24L	250						CMDZ24L	500
25	CMKZ5253B*	5.0										CMDZ5253B	5.0
27	CMKZ5254B*	4.6	CMOZ27V	5.0	CMOZ27L	250						CMDZ27L	500
28	CMKZ5255B*	4.5										CMDZ5255B	4.5
30	CMKZ5256B*	4.2	CMOZ30V	5.0	CMOZ30L	250						CMDZ30L	500
33	CMKZ5257B*	3.8	CMOZ33V	5.0	CMOZ33L	250						CMDZ33L	500
36	CMKZ5258B*	3.4	CMOZ36V	5.0	CMOZ36L	250						CMDZ36L	500
39	CMKZ5259B*	3.2	CMOZ39V	5.0	CMOZ39L	250						CMDZ39L	500
43	CMKZ5260B*	3.0	CMOZ43V	5.0	CMOZ43L	250						CMDZ43L	500
47	CMKZ5261B*	2.7										CMDZ5261B	2.7

\* Available on special order; please consult factory.

POWER	250mW					350mW									
	SUPERmini™			PICOmini™											
CASE	SOT-323			SOT-563		SOT-23									
	ZENER VOLTAGE	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)	DUAL, COMMON ANODE	@ I <sub>ZT</sub> (mA)	DUAL, COMMON ANODE	@ I <sub>ZT</sub> (mA)	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)	LOW NOISE LOW LEVEL	@ I <sub>ZT</sub> (µA)	LOW LEVEL	@ I <sub>ZT</sub> (µA)	PROELECTRON SPECIFICATION	@ I <sub>ZT</sub> (µA)
1.8															
2.0															
2.2															
2.4	CMKZ5221B*	20	CMOZ2V4	5.0	CMLZDA2V4	5.0									
2.5	CMKZ5222B*	20													
2.7	CMKZ5223B*	20	CMOZ2V7	5.0	CMLZDA2V7	5.0									
2.8	CMKZ5224B*	20													
3.0	CMKZ5225B*	20	CMOZ3V0	5.0	CMLZDA3V0	5.0									
3.3	CMKZ5226B*	20	CMOZ3V3	5.0	CMLZDA3V3	5.0									
3.6	CMKZ5227B*	20	CMOZ3V6	5.0	CMLZDA3V6	5.0									
3.9	CMKZ5228B*	20	CMOZ3V9	5.0	CMLZDA3V9	5.0									
4.3	CMKZ5229B*	20	CMOZ4V3	5.0	CMLZDA4V3	5.0									
4.7	CMKZ5230B*	20	CMOZ4V7	5.0	CMLZDA4V7	5.0									
5.1	CMKZ5231B*	20	CMOZ5V1	5.0	CMLZDA5V1	5.0									
5.6	CMKZ5232B*	20	CMOZ5V6	5.0	CMLZDA5V6	5.0									
6.0	CMKZ5233B*	20													
6.2	CMKZ5234B*	20	CMOZ6V2	5.0	CMLZDA6V2	5.0									
6.8	CMKZ5235B*	20	CMOZ6V8	5.0	CMLZDA6V8	5.0									
7.5	CMKZ5236B*	20	CMOZ7V5	5.0	CMLZDA7V5	5.0									
8.2	CMKZ5237B*	20	CMOZ8V2	5.0	CMLZDA8V2	5.0									
8.7	CMKZ5238B*	20													
9.1	CMKZ5239B*	20	CMOZ9V1	5.0	CMLZDA9V1	5.0									
10	CMKZ5240B*	20	CMOZ10V	5.0	CMLZDA10V	5.0									
11	CMKZ5241B*	20	CMOZ11V	5.0	CMLZDA11V	5.0									
12	CMKZ5242B*	20	CMOZ12V	5.0	CMLZDA12V	5.0									
13	CMKZ5243B*	9.5	CMOZ13V	5.0	CMLZDA13V	5.0									
14	CMKZ5244B*	9.0													
15	CMKZ5245B*	8.5	CMOZ15V	5.0	CMLZDA15V	5.0									
16	CMKZ5246B*	7.8	CMOZ16V	5.0	CMLZDA16V	5.0									
17	CMKZ5247B*	7.4													
18	CMKZ5248B*	7.0	CMOZ18V	5.0	CMLZDA18V	5.0									
19	CMKZ5249B*	6.6													
20	CMKZ5250B*	6.2	CMOZ20V	5.0	CMLZDA20V	5.0									
22	CMKZ5251B*	5.6	CMOZ22V	5.0	CMLZDA22V	5.0									
24	CMKZ5252B*	5.2	CMOZ24V	5.0	CMLZDA24V	5.0									
25	CMKZ5253B*	5.0													
27	CMKZ5254B*	4.6	CMOZ27V	5.0	CMLZDA27V	5.0									
28	CMKZ5255B*	4.5													
30	CMKZ5256B*	4.2	CMOZ30V	5.0	CMLZDA30V	5.0									
33	CMKZ5257B*	3.8	CMOZ33V	5.0	CMLZDA33V	5.0									
36	CMKZ5258B*	3.4	CMOZ36V	5.0	CMLZDA36V	5.0									
39	CMKZ5259B*	3.2	CMOZ39V	5.0	CMLZDA39V	5.0									
43	CMKZ5260B*	3.0	CMOZ43V	5.0	CMLZDA43V	5.0									
47	CMKZ5261B*	2.7													
51															
56															
60															
62															
68															
75															







\* Available on special order; please consult factory.


POWER 350mW						
CASE	SOT-23			SUPERmini™ SOT-26		
	ZENER VOLTAGE	DUAL, COMMON CATHODE	@ I <sub>ZT</sub> (mA)	DUAL, COMMON ANODE	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)
2.4	CMPZDC2V4*	5.0	CMPZDA2V4	5.0	CMXZ2V4TO*	5.0
2.7	CMPZDC2V7*	5.0	CMPZDA2V7	5.0	CMXZ2V7TO*	5.0
3.0	CMPZDC3V0*	3.0	CMPZDA3V0	3.0	CMXZ3V0TO*	5.0
3.3	CMPZDC3V3*	3.0	CMPZDA3V3	3.0	CMXZ3V3TO*	5.0
3.6	CMPZDC3V6*	5.0	CMPZDA3V6	5.0	CMXZ3V6TO*	5.0
3.9	CMPZDC3V9*	5.0	CMPZDA3V9	5.0	CMXZ3V9TO*	5.0
4.3	CMPZDC4V3*	5.0	CMPZDA4V3	5.0	CMXZ4V3TO*	5.0
4.7	CMPZDC4V7*	5.0	CMPZDA4V7	5.0	CMXZ4V7TO*	5.0
5.1	CMPZDC5V1*	5.0	CMPZDA5V1	5.0	CMXZ5V1TO*	5.0
5.6	CMPZDC5V6*	5.0	CMPZDA5V6	5.0	CMXZ5V6TO*	5.0
6.2	CMPZDC6V2*	5.0	CMPZDA6V2	5.0	CMXZ6V2TO*	5.0
6.8	CMPZDC6V8*	5.0	CMPZDA6V8	5.0	CMXZ6V8TO*	5.0
7.5	CMPZDC7V5*	5.0	CMPZDA7V5	5.0	CMXZ7V5TO*	5.0
8.2	CMPZDC8V2*	5.0	CMPZDA8V2	5.0	CMXZ8V2TO*	5.0
9.1	CMPZDC9V1*	5.0	CMPZDA9V1	5.0	CMXZ9V1TO*	5.0
10	CMPZDC10V*	5.0	CMPZDA10V	5.0	CMXZ10VTO*	5.0
11	CMPZDC11V*	5.0	CMPZDA11V	5.0	CMXZ11VTO*	5.0
12	CMPZDC12V*	5.0	CMPZDA12V	5.0	CMXZ12VTO*	5.0
13	CMPZDC13V*	5.0	CMPZDA13V	5.0	CMXZ13VTO*	5.0
15	CMPZDC15V*	5.0	CMPZDA15V	5.0	CMXZ15VTO*	5.0
16	CMPZDC16V*	5.0	CMPZDA16V	5.0	CMXZ16VTO*	5.0
18	CMPZDC18V*	5.0	CMPZDA18V	5.0	CMXZ18VTO*	5.0
20	CMPZDC20V*	5.0	CMPZDA20V	5.0	CMXZ20VTO*	5.0
22	CMPZDC22V*	5.0	CMPZDA22V	5.0	CMXZ22VTO*	5.0
24	CMPZDC24V*	5.0	CMPZDA24V	5.0	CMXZ24VTO*	5.0
27	CMPZDC27V	2.0	CMPZDA27V	2.0	CMXZ27VTO*	2.0
30	CMPZDC30V*	2.0	CMPZDA30V	2.0	CMXZ30VTO	2.0
33	CMPZDC33V*	2.0	CMPZDA33V	2.0	CMXZ33VTO*	2.0
36	CMPZDC36V*	2.0	CMPZDA36V	2.0	CMXZ36VTO*	2.0
39	CMPZDC39V*	2.0	CMPZDA39V	2.0	CMXZ39VTO*	2.0
43	CMPZDC43V*	2.0	CMPZDA43V	2.0	CMXZ43VTO*	2.0
47	CMPZDC47V*	2.0	CMPZDA47V	2.0	CMXZ47VTO*	2.0

\* Available on special order; please consult factory.

POWER 500mW									
CASE	SOD-123						Extended Voltage Range SOD-80		
	ZENER VOLTAGE	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)	LOW LEVEL	@ I <sub>ZT</sub> (μA)	LOW LEVEL LOW NOISE	@ I <sub>ZT</sub> (μA)	INDUSTRY STANDARD	@ I <sub>ZT</sub> (mA)
1.8				CMHZ4678	50	CMHZ4614	250		
2.0				CMHZ4679	50	CMHZ4615	250		
2.2				CMHZ4680	50	CMHZ4616	250		
2.4	CMHZ5221B	20		CMHZ4681	50	CMHZ4617	250	CLL5221B*	20
2.5	CMHZ5222B	20						CLL5222B	20
2.7	CMHZ5223B	20	CMHZ4682		50	CMHZ4618	250	CLL5223B*	20
2.8	CMHZ5224B	20						CLL5224B*	20
3.0	CMHZ5225B	20		CMHZ4683	50	CMHZ4619	250	CLL5225B	20
3.3	CMHZ5226B	20		CMHZ4684	50	CMHZ4620	250	CLL5226B	20
3.6	CMHZ5227B	20		CMHZ4685	50	CMHZ4621	250	CLL5227B	20
3.9	CMHZ5228B	20		CMHZ4686	50	CMHZ4622	250	CLL5228B	20
4.3	CMHZ5229B	20		CMHZ4687	50	CMHZ4623	250	CLL5229B	20
4.7	CMHZ5230B	20		CMHZ4688	50	CMHZ4624	250	CLL5230B	20
5.1	CMHZ5231B	20		CMHZ4689	50	CMHZ4625	250	CLL5231B	20
5.6	CMHZ5232B	20		CMHZ4690	50	CMHZ4626	250	CLL5232B	20
6.0	CMHZ5233B	20						CLL5233B	20
6.2	CMHZ5234B	20	CMHZ4691		50	CMHZ4627	250	CLL5234B	20
6.8	CMHZ5235B	20	CMHZ4692		50	CMHZ4099	250	CLL5235B	20
7.5	CMHZ5236B	20	CMHZ4693		50	CMHZ4100	250	CLL5236B	20
8.2	CMHZ5237B	20	CMHZ4694		50	CMHZ4101	250	CLL5237B	20
8.7	CMHZ5238B	20	CMHZ4695		50	CMHZ4102	250	CLL5238B	20
9.1	CMHZ5239B	20	CMHZ4696		50	CMHZ4103	250	CLL5239B	20
10	CMHZ5240B	20	CMHZ4697		50	CMHZ4104	250	CLL5240B	20
11	CMHZ5241B	20	CMHZ4698		50	CMHZ4105	250	CLL5241B	20
12	CMHZ5242B	20	CMHZ4699		50	CMHZ4106	250	CLL5242B	20
13	CMHZ5243B	9.5	CMHZ4700		50	CMHZ4107	250	CLL4243B	9.5
14	CMHZ5244B	9.0	CMHZ4701		50	CMHZ4108	250	CLL5244B	9.0
15	CMHZ5245B	8.5	CMHZ4702		50	CMHZ4109	250	CLL5245B	8.5
16	CMHZ5246B	7.8	CMHZ4703		50	CMHZ4110	250	CLL5246B	7.8
17	CMHZ5247B	7.4	CMHZ4704		50	CMHZ4111	250	CLL5247B	7.4
18	CMHZ5248B	7.0	CMHZ4705		50	CMHZ4112	250	CLL5248B	7.0
19	CMHZ5249B	6.6	CMHZ4706		50	CMHZ4113	250	CLL5249B	6.6
20	CMHZ5250B	6.2	CMHZ4707		50	CMHZ4114	250	CLL5250B	6.2
22	CMHZ5251B	5.6	CMHZ4708		50	CMHZ4115	250	CLL5251B	5.6
24	CMHZ5252B	5.2	CMHZ4709		50	CMHZ4116	250	CLL5252B	5.2
25	CMHZ5253B	5.0	CMHZ4710		50	CMHZ4117	250	CLL5253B	5.0
27	CMHZ5254B	4.6	CMHZ4711		50	CMHZ4118	250	CLL5254B	4.6
28	CMHZ5255B	4.5	CMHZ4712		50	CMHZ4119	250	CLL5255B	4.5
30	CMHZ5256B	4.2	CMHZ4713		50	CMHZ4120	250	CLL5256B	4.2
33	CMHZ5257B	3.8	CMHZ4714		50	CMHZ4121	250	CLL5257B	3.8
36	CMHZ5258B	3.4	CMHZ4715		50	CMHZ4122	250	CLL5258B	3.4
39	CMHZ5259B	3.2	CMHZ4716		50	CMHZ4123	250	CLL5259B	3.2
43	CMHZ5260B	3.0	CMHZ4717		50	CMHZ4124	250	CLL5260B	3.0
47	CMHZ5261B	2.7						CLL5261B	2.7
51	CMHZ5262B*	2.5						CLL5262B	2.5
56	CMHZ5263B*	2.2						CLL5263B	2.2
60	CMHZ5264B*	2.1						CLL5264B	2.1
62	CMHZ5265B*	2.0						CLL5265B	2.0
68	CMHZ5266B*	1.8						CLL5266B	1.8
75	CMHZ5267B*	1.7						CLL5267B	1.7

\* Available on special order; please consult factory.

POWER	1.0W		1.5W		5.0W	
CASE						
ZENER VOLTAGE	GENERAL PURPOSE	@ I <sub>ZT</sub> (mA)	1.5 WATT ZENER + 200W TVS	@ I <sub>ZT</sub> (mA)	HIGH POWER	@ I <sub>ZT</sub> (mA)
						
3.3	CLL4728A	76	CMZ5913B	113.6		
3.6	CLL4729A	69	CMZ5914B	104.2		
3.9	CLL4730A	64	CMZ5915B	96.1		
4.3	CLL4731A	58	CMZ5916B	87.2		
4.7	CLL4732A	53	CMZ5917B	79.8		
5.1	CLL4733A	49	CMZ5918B	73.5		
5.6	CLL4734A	45	CMZ5919B	66.9		
6.2	CLL4735A	41	CMZ5920B	60.5		
6.8	CLL4736A	37	CMZ5921B	55.1	CMZ5342B	175
7.5	CLL4737A	34	CMZ5922B	50.0	CMZ5343B	175
8.2	CLL4738A	31	CMZ5923B	45.7	CMZ5344B	150
8.7					CMZ5345B	150
9.1	CLL4739A	28	CMZ5924B	41.2	CMZ5346B	150
10	CLL4740A	25	CMZ5925B	37.5	CMZ5347B	125
11	CLL4741A	23	CMZ5926B	34.1	CMZ5348B	125
12	CLL4742A	21	CMZ5927B	31.2	CMZ5349B	100
13	CLL4743A	19	CMZ5928B	28.8	CMZ5350B	100
14					CMZ5351B	100
15	CLL4744A	17	CMZ5929B	25.0	CMZ5352B	75
16	CLL4745A	15.5	CMZ5930B	23.4	CMZ5353B	75
17					CMZ5354B	70
18	CLL4746A	14.0	CMZ5931B	20.8	CMZ5355B	65
19					CMZ5356B	65
20	CLL4747A	12.5	CMZ5932B	18.7	CMZ5357B	65
22	CLL4748A	11.5	CMZ5933B	17.0	CMZ5358B	50
24	CLL4749A	10.5	CMZ5934B	15.6	CMZ5359B	50
25					CMZ5360B	50
27	CLL4750A	9.5	CMZ5935B	13.9	CMZ5361B	50
28					CMZ5362B	50
30	CLL4751A	8.5	CMZ5936B	12.5	CMZ5363B	40
33	CLL4752A	7.5	CMZ5937B	11.4	CMZ5364B	40
36	CLL4753A	7.0	CMZ5938B	10.4	CMZ5365B	30
39	CLL4754A	6.5	CMZ5939B	9.6	CMZ5366B	30
43	CLL4755A	6.0	CMZ5940B	8.7	CMZ5367B	30
47	CLL4756A	5.5	CMZ5941B	8.0	CMZ5368B	25
51	CLL4757A	5.0	CMZ5942B	7.3	CMZ5369B	25
56	CLL4758A	4.5	CMZ5943B	6.7	CMZ5370B	20
60					CMZ5371B	20
62	CLL4759A	4.0	CMZ5944B	6.0	CMZ5372B	20
68	CLL4760A	3.7	CMZ5945B	5.5	CMZ5373B	20
75	CLL4761A	3.3	CMZ5946B	5.0	CMZ5374B	20
82	CLL4762A	3.0	CMZ5947B	4.6	CMZ5375B	15
87					CMZ5376B	15
91	CLL4763A	2.8	CMZ5948B	4.1	CMZ5377B	15
100	CLL4764A	2.5	CMZ5949B	3.7	CMZ5378B	12
110			CMZ5950B	3.4	CMZ5379B	12
120			CMZ5951B	3.1	CMZ5380B	10
130			CMZ5952B	2.9	CMZ5381B	10
140					CMZ5382B	8.0
150			CMZ5953B	2.5	CMZ5383B	8.0
160			CMZ5954B	2.3	CMZ5384B	8.0
170					CMZ5385B	8.0
180			CMZ5955B	2.1	CMZ5386B	5.0
190					CMZ5387B	5.0
200			CMZ5956B	1.9	CMZ5388B	5.0

POWER	325mW			
CASE				
ZENER VOLTAGE	ZENER TEST CURRENT	MAXIMUM ZENER IMPEDANCE	VOLTAGE TEMPERATURE STABILITY*	
± 5% TOL	I <sub>ZT</sub>	Z <sub>ZT</sub> @ I <sub>ZT</sub>	Δ V <sub>Z</sub> MAX	
V <sub>Z</sub> @ I <sub>ZT</sub>	I <sub>ZT</sub>	Z <sub>ZT</sub> @ I <sub>ZT</sub>	Δ V <sub>Z</sub> MAX	
VOLTS	mA	Ω	mV	
CMKTC825A	6.2	7.5	20	44
CMKTC825E	6.2	7.5	20	20

\* The Maximum allowable voltage change observed at the specified temperatures of -55°C, 0°C, 25°C, 75°C, and 100°C

**SOT-23 Case**

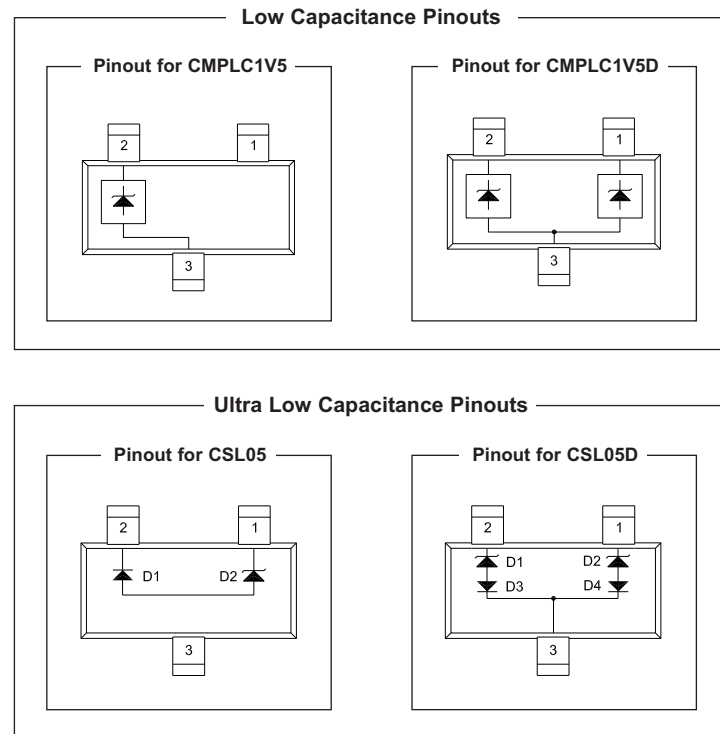
Central Part No.	Description	Peak Pulse Power 8X20µs PPK (W)	Max. Reverse Stand-Off Voltage V <sub>RWM</sub> (V)	Max. Clamping Voltage 8X20µs V <sub>C</sub> (V)	Max. Peak Pulse Current 8X20µs I <sub>pp</sub> (A)	Max. Off-State Capacitance 0V DC, 1MHz C <sub>J</sub> (pF)
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**Low Capacitance**

CMPLC1V5	Single, low Capacitance	50	1.5	7.0 (@ I <sub>pp</sub> = 3.0A)	5.0	10
CMPLC1V5D	Dual, low Capacitance	50	1.5	7.0 (@ I <sub>pp</sub> = 3.0A)	5.0	10

**Ultra Low Capacitance**

CSL05	Single, Ultra low Capacitance	400	5.0	12 (@ I <sub>pp</sub> = 5.0A)	17	1.2
CSL05D	Dual, Ultra low Capacitance	400	5.0	12 (@ I <sub>pp</sub> = 5.0A)	17	1.2







Specified by  
**STAND-OFF VOLTAGE**





POWER	200W		600W			
CASE	SOD-123F		SMB			
REVERSE STAND-OFF VOLTAGE V <sub>RWM</sub>	UNI-POLAR	@ I <sub>T</sub> (mA)	UNI-POLAR	@ I <sub>T</sub> (mA)	BI-POLAR	@ I <sub>T</sub> (mA)
5.0	CMF5.0A	10	1SMB5.0A	10	1SMB5.0CA	10
6.0	CMF6.0A	10	1SMB6.0A	10	1SMB6.0CA	10
6.5	CMF6.5A	10	1SMB6.5A	10	1SMB6.5CA	10
7.0	CMF7.0A	10	1SMB7.0A	10	1SMB7.0CA	10
7.5	CMF7.5A	1.0	1SMB7.5A	1.0	1SMB7.5CA	1.0
8.0	CMF8.0A	1.0	1SMB8.0A	1.0	1SMB8.0CA	1.0
8.5	CMF8.5A	1.0	1SMB8.5A	1.0	1SMB8.5CA	1.0
9.0	CMF9.0A	1.0	1SMB9.0A	1.0	1SMB9.0CA	1.0
10	CMF10A	1.0	1SMB10A	1.0	1SMB10CA	1.0
11	CMF11A	1.0	1SMB11A	1.0	1SMB11CA	1.0
12	CMF12A	1.0	1SMB12A	1.0	1SMB12CA	1.0
13	CMF13A	1.0	1SMB13A	1.0	1SMB13CA	1.0
14	CMF14A	1.0	1SMB14A	1.0	1SMB14CA	1.0
15	CMF15A	1.0	1SMB15A	1.0	1SMB15CA	1.0
16	CMF16A	1.0	1SMB16A	1.0	1SMB16CA	1.0
17	CMF17A	1.0	1SMB17A	1.0	1SMB17CA	1.0
18	CMF18A	1.0	1SMB18A	1.0	1SMB18CA	1.0
20	CMF20A	1.0	1SMB20A	1.0	1SMB20CA	1.0
22	CMF22A	1.0	1SMB22A	1.0	1SMB22CA	1.0
24	CMF24A	1.0	1SMB24A	1.0	1SMB24CA	1.0
26	CMF26A	1.0	1SMB26A	1.0	1SMB26CA	1.0
28	CMF28A	1.0	1SMB28A	1.0	1SMB28CA	1.0
30	CMF30A	1.0	1SMB30A	1.0	1SMB30CA	1.0
33	CMF33A	1.0	1SMB33A	1.0	1SMB33CA	1.0
36	CMF36A	1.0	1SMB36A	1.0	1SMB36CA	1.0
40	CMF40A	1.0	1SMB40A	1.0	1SMB40CA	1.0
43	CMF43A	1.0	1SMB43A	1.0	1SMB43CA	1.0
45	CMF45A	1.0	1SMB45A	1.0	1SMB45CA	1.0
48	CMF48A	1.0	1SMB48A	1.0	1SMB48CA	1.0
51	CMF51A	1.0	1SMB51A	1.0	1SMB51CA	1.0
54	CMF54A	1.0	1SMB54A	1.0	1SMB54CA	1.0
58	CMF58A	1.0	1SMB58A	1.0	1SMB58CA	1.0
60	CMF60A	1.0	1SMB60A	1.0	1SMB60CA	1.0
64	CMF64A	1.0	1SMB64A	1.0	1SMB64CA	1.0
70	CMF70A	1.0	1SMB70A	1.0	1SMB70CA	1.0
75	CMF75A	1.0	1SMB75A	1.0	1SMB75CA	1.0
78	CMF78A	1.0	1SMB78A	1.0	1SMB78CA	1.0
85	CMF85A	1.0	1SMB85A	1.0	1SMB85CA	1.0
90	CMF90A	1.0	1SMB90A	1.0	1SMB90CA	1.0
100	CMF100A	1.0	1SMB100A	1.0	1SMB100CA	1.0
110	CMF110A	1.0	1SMB110A	1.0	1SMB110CA	1.0
120	CMF120A	1.0	1SMB120A	1.0	1SMB120CA	1.0
130	CMF130A	1.0	1SMB130A	1.0	1SMB130CA	1.0
150	CMF150A	1.0	1SMB150A	1.0	1SMB150CA	1.0
160	CMF160A	1.0	1SMB160A	1.0	1SMB160CA	1.0
170	CMF170A	1.0	1SMB170A	1.0	1SMB170CA	1.0



Specified by  
STAND-OFF VOLTAGE

POWER	1500W				3000W			
	CASE							
REVERSE STAND-OFF VOLTAGE $V_{RWM}$	UNI-POLAR	@ $I_T$ (mA)	BI-POLAR	@ $I_T$ (mA)	UNI-POLAR	@ $I_T$ (mA)	BI-POLAR	@ $I_T$ (mA)
5.0	1SMC5.0A	10	1SMC5.0CA	10	3SMC5.0A	10	3SMC5.0CA	10
6.0	1SMC6.0A	10	1SMC6.0CA	10	3SMC6.0A	10	3SMC6.0CA	10
6.5	1SMC6.5A	10	1SMC6.5CA	10	3SMC6.5A	10	3SMC6.5CA	10
7.0	1SMC7.0A	10	1SMC7.0CA	10	3SMC7.0A	10	3SMC7.0CA	10
7.5	1SMC7.5A	1.0	1SMC7.5CA	1.0	3SMC7.5A	1.0	3SMC7.5CA	1.0
8.0	1SMC8.0A	1.0	1SMC8.0CA	1.0	3SMC8.0A	1.0	3SMC8.0CA	1.0
8.5	1SMC8.5A	1.0	1SMC8.5CA	1.0	3SMC8.5A	1.0	3SMC8.5CA	1.0
9.0	1SMC9.0A	1.0	1SMC9.0CA	1.0	3SMC9.0A	1.0	3SMC9.0CA	1.0
10	1SMC10A	1.0	1SMC10CA	1.0	3SMC10A	1.0	3SMC10CA	1.0
11	1SMC11A	1.0	1SMC11CA	1.0	3SMC11A	1.0	3SMC11CA	1.0
12	1SMC12A	1.0	1SMC12CA	1.0	3SMC12A	1.0	3SMC12CA	1.0
13	1SMC13A	1.0	1SMC13CA	1.0	3SMC13A	1.0	3SMC13CA	1.0
14	1SMC14A	1.0	1SMC14CA	1.0	3SMC14A	1.0	3SMC14CA	1.0
15	1SMC15A	1.0	1SMC15CA	1.0	3SMC15A	1.0	3SMC15CA	1.0
16	1SMC16A	1.0	1SMC16CA	1.0	3SMC16A	1.0	3SMC16CA	1.0
17	1SMC17A	1.0	1SMC17CA	1.0	3SMC17A	1.0	3SMC17CA	1.0
18	1SMC18A	1.0	1SMC18CA	1.0	3SMC18A	1.0	3SMC18CA	1.0
20	1SMC20A	1.0	1SMC20CA	1.0	3SMC20A	1.0	3SMC20CA	1.0
22	1SMC22A	1.0	1SMC22CA	1.0	3SMC22A	1.0	3SMC22CA	1.0
24	1SMC24A	1.0	1SMC24CA	1.0	3SMC24A	1.0	3SMC24CA	1.0
26	1SMC26A	1.0	1SMC26CA	1.0	3SMC26A	1.0	3SMC26CA	1.0
28	1SMC28A	1.0	1SMC28CA	1.0	3SMC28A	1.0	3SMC28CA	1.0
30	1SMC30A	1.0	1SMC30CA	1.0	3SMC30A	1.0	3SMC30CA	1.0
33	1SMC33A	1.0	1SMC33CA	1.0	3SMC33A	1.0	3SMC33CA	1.0
36	1SMC36A	1.0	1SMC36CA	1.0	3SMC36A	1.0	3SMC36CA	1.0
40	1SMC40A	1.0	1SMC40CA	1.0	3SMC40A	1.0	3SMC40CA	1.0
43	1SMC43A	1.0	1SMC43CA	1.0	3SMC43A	1.0	3SMC43CA	1.0
45	1SMC45A	1.0	1SMC45CA	1.0	3SMC45A	1.0	3SMC45CA	1.0
48	1SMC48A	1.0	1SMC48CA	1.0	3SMC48A	1.0	3SMC48CA	1.0
51	1SMC51A	1.0	1SMC51CA	1.0	3SMC51A	1.0	3SMC51CA	1.0
54	1SMC54A	1.0	1SMC54CA	1.0	3SMC54A	1.0	3SMC54CA	1.0
58	1SMC58A	1.0	1SMC58CA	1.0	3SMC58A	1.0	3SMC58CA	1.0
60	1SMC60A	1.0	1SMC60CA	1.0	3SMC60A	1.0	3SMC60CA	1.0
64	1SMC64A	1.0	1SMC64CA	1.0	3SMC64A	1.0	3SMC64CA	1.0
70	1SMC70A	1.0	1SMC70CA	1.0	3SMC70A	1.0	3SMC70CA	1.0
75	1SMC75A	1.0	1SMC75CA	1.0	3SMC75A	1.0	3SMC75CA	1.0
78	1SMC78A	1.0	1SMC78CA	1.0	3SMC78A	1.0	3SMC78CA	1.0
85	1SMC85A	1.0	1SMC85CA	1.0	3SMC85A	1.0	3SMC85CA	1.0
90	1SMC90A	1.0	1SMC90CA	1.0	3SMC90A	1.0	3SMC90CA	1.0
100	1SMC100A	1.0	1SMC100CA	1.0	3SMC100A	1.0	3SMC100CA	1.0
110	1SMC110A	1.0	1SMC110CA	1.0	3SMC110A	1.0	3SMC110CA	1.0
120	1SMC120A	1.0	1SMC120CA	1.0	3SMC120A	1.0	3SMC120CA	1.0
130	1SMC130A	1.0	1SMC130CA	1.0	3SMC130A	1.0	3SMC130CA	1.0
150	1SMC150A	1.0	1SMC150CA	1.0	3SMC150A	1.0	3SMC150CA	1.0
160	1SMC160A	1.0	1SMC160CA	1.0	3SMC160A	1.0	3SMC160CA	1.0
170	1SMC170A	1.0	1SMC170CA	1.0	3SMC170A	1.0	3SMC170CA	1.0

Specified by  
BREAKDOWN VOLTAGE

POWER	600W				1500W			
	CASE							
BREAKDOWN VOLTAGE $V_{BR}$	UNI-POLAR	@ $I_T$ (mA)	BI-POLAR	@ $I_T$ (mA)	UNI-POLAR	@ $I_T$ (mA)	BI-POLAR	@ $I_T$ (mA)
6.8	P6SMB6.8A	10	P6SMB6.8CA	10	1.5SMC6.8A	10	1.5SMC6.8CA	10
7.5	P6SMB7.5A	10	P6SMB7.5CA	10	1.5SMC7.5A	10	1.5SMC7.5CA	10
8.2	P6SMB8.2A	10	P6SMB8.2CA	10	1.5SMC8.2A	10	1.5SMC8.2CA	10
9.1	P6SMB9.1A	1.0	P6SMB9.1CA	1.0	1.5SMC9.1A	1.0	1.5SMC9.1CA	1.0
10	P6SMB10A	1.0	P6SMB10CA	1.0	1.5SMC10A	1.0	1.5SMC10CA	1.0
11	P6SMB11A	1.0	P6SMB11CA	1.0	1.5SMC11A	1.0	1.5SMC11CA	1.0
12	P6SMB12A	1.0	P6SMB12CA	1.0	1.5SMC12A	1.0	1.5SMC12CA	1.0
13	P6SMB13A	1.0	P6SMB13CA	1.0	1.5SMC13A	1.0	1.5SMC13CA	1.0
15	P6SMB15A	1.0	P6SMB15CA	1.0	1.5SMC15A	1.0	1.5SMC15CA	1.0
16	P6SMB16A	1.0	P6SMB16CA	1.0	1.5SMC16A	1.0	1.5SMC16CA	1.0
18	P6SMB18A	1.0	P6SMB18CA	1.0	1.5SMC18A	1.0	1.5SMC18CA	1.0
20	P6SMB20A	1.0	P6SMB20CA	1.0	1.5SMC20A	1.0	1.5SMC20CA	1.0
22	P6SMB22A	1.0	P6SMB22CA	1.0	1.5SMC22A	1.0	1.5SMC22CA	1.0
24	P6SMB24A	1.0	P6SMB24CA	1.0	1.5SMC24A	1.0	1.5SMC24CA	1.0
27	P6SMB27A	1.0	P6SMB27CA	1.0	1.5SMC27A	1.0	1.5SMC27CA	1.0
30	P6SMB30A	1.0	P6SMB30CA	1.0	1.5SMC30A	1.0	1.5SMC30CA	1.0
33	P6SMB33A	1.0	P6SMB33CA	1.0	1.5SMC33A	1.0	1.5SMC33CA	1.0
36	P6SMB36A	1.0	P6SMB36CA	1.0	1.5SMC36A	1.0	1.5SMC36CA	1.0
39	P6SMB39A	1.0	P6SMB39CA	1.0	1.5SMC39A	1.0	1.5SMC39CA	1.0
43	P6SMB43A	1.0	P6SMB43CA	1.0	1.5SMC43A	1.0	1.5SMC43CA	1.0
47	P6SMB47A	1.0	P6SMB47CA	1.0	1.5SMC47A	1.0	1.5SMC47CA	1.0
51	P6SMB51A	1.0	P6SMB51CA	1.0	1.5SMC51A	1.0	1.5SMC51CA	1.0
56	P6SMB56A	1.0	P6SMB56CA	1.0	1.5SMC56A	1.0	1.5SMC56CA	1.0
62	P6SMB62A	1.0	P6SMB62CA	1.0	1.5SMC62A	1.0	1.5SMC62CA	1.0
68	P6SMB68A	1.0	P6SMB68CA	1.0	1.5SMC68A	1.0	1.5SMC68CA	1.0
75	P6SMB75A	1.0	P6SMB75CA	1.0	1.5SMC75A	1.0	1.5SMC75CA	1.0
82	P6SMB82A	1.0	P6SMB82CA	1.0	1.5SMC82A	1.0	1.5SMC82CA	1.0
91	P6SMB91A	1.0	P6SMB91CA	1.0	1.5SMC91A	1.0	1.5SMC91CA	1.0
100	P6SMB100A	1.0	P6SMB100CA	1.0	1.5SMC100A	1.0	1.5SMC100CA	1.0
110	P6SMB110A	1.0	P6SMB110CA	1.0	1.5SMC110A	1.0	1.5SMC110CA	1.0
120	P6SMB120A	1.0	P6SMB120CA	1.0	1.5SMC120A	1.0	1.5SMC120CA	1.0
130	P6SMB130A	1.0	P6SMB130CA	1.0	1.5SMC130A	1.0	1.5SMC130CA	1.0
150	P6SMB150A	1.0	P6SMB150CA	1.0	1.5SMC150A	1.0	1.5SMC150CA	1.0
160	P6SMB160A	1.0	P6SMB160CA	1.0	1.5SMC160A	1.0	1.5SMC160CA	1.0
170	P6SMB170A	1.0	P6SMB170CA	1.0	1.5SMC170A	1.0	1.5SMC170CA	1.0
180	P6SMB180A	1.0	P6SMB180CA	1.0	1.5SMC180A	1.0	1.5SMC180CA	1.0
200	P6SMB200A	1.0	P6SMB200CA	1.0	1.5SMC200A	1.0	1.5SMC200CA	1.0
220	P6SMB220A	1.0	P6SMB220CA	1.0	1.5SMC220A	1.0	1.5SMC220CA	1.0
250	P6SMB250A	1.0	P6SMB250CA	1.0				